



## PS-1672

### Product Description:

P-THERM® PS-1672 is a copper foil and graphite hybrid heat spreader trilaminate with a clear acrylic adhesive on the copper side of the construction and a black acrylic on the graphite side of the construction. There is a removable release liner on the clear adhesive side and a non-removable polyester film carrier on the black acrylic side.

### Construction / Properties:

	Property	Value	Test Method
General	Color	Copper/Black	Visual
	Thickness Range	0.15 mm	ASTM D374
	Carrier Type	Copper Foil/Synthetic Graphite	--
	Carrier Thickness	140 micron	ASTM D374
	Adhesive Type	Acrylic	--
	Acrylic Adhesion	800 g/25mm	QSP-722
	Continuous Use Conditions	-40 - 400 C	QSP-754
	Recommended Application Specification	2 kg/square inch for 2 seconds	--

	Property	Value	Test Method
Physical	Composite X-Y Thermal Conductivity	>1300 W/m K	QSP-749
	Thermal Conductivity (Z-Axis)	15 W/m K	ASTM D5470
	Flammability Rating	V-0	UL 94

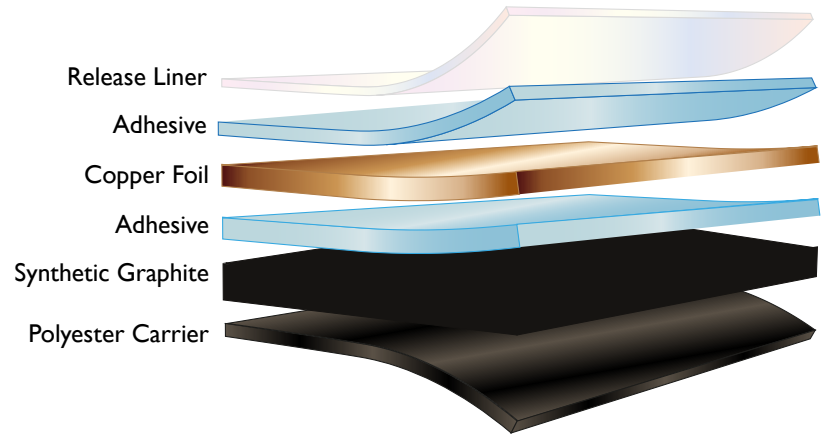
\* 20% thermal conductivity tested at 20% strain.

## Features:

- Superior Converting Properties
- Good Adhesive and Cohesive Strength
- Good Conformity to Non-Flat Substrates
- Good Thermal Conductivity
- Resists Flow During Thermal Cycling
- Excellent Converting Properties

## Applications:

- Solar Panels
- Computers
- Smartphones
- Tablets
- Infotainment & Navigation Systems



Specific tests should be performed by the end user to determine the product stability for the particular application.

### For Additional Information:

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Revision: 040621